Abstract

Described is a provisioning system for receiving configuration changes to and queries of settings on a mobile device. One implementation includes a router component and a configuration manager component. The router component is

5 responsible for receiving messages delivered to the mobile device and parsing the messages into requests for information. The messages may be delivered in document format, such as in the eXtensible Markup Language (XML) format. The requests may take the form of a request to respond with existing configuration settings, or to set certain configuration settings on the mobile device. The router component is also responsible for

10 authenticating and decrypting the messages. Once properly authenticated and decrypted, the router component passes the message to the configuration manager component. The configuration manager component is responsible for determining what configuration settings are affected by the message and for processing the requests within the message. For example, the configuration manager component may process a request to query a

15 configuration setting by retrieving the requested information from a hardware register or a software registry. The configuration manager component may implement one or more configuration service providers to perform the actual request processing. The configuration manager component may additionally compose a response document to return in the event that a response has been requested in the message. In one

20 implementation, the response may be created by modifying the original message received and returning that message to the router component.

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